

Search Notes


Application No.

10/645,429

Examiner

EBENEZER SACKEY

Applicant(s)

HEPFER ET AL.

Art Unit

1626

SEARCHED

Class	Subclass	Date	Examiner
549	295, 326	11/27/2004	ES
549	233, 508	11/27/2004	ES
568	864, 884		
updated 6/7/05 ES			

INTERFERENCE SEARCHED

Class	Subclass	Date	Examiner
549	295, 326 233, 508	6/7/05	ES
568	864, 884	6/7/05	ES

**SEARCH NOTES
(INCLUDING SEARCH STRATEGY)**

	DATE	EXMR
Inventors name searched CAS ONLINE FOR A PROCESS FOR PREPARING THE PRODUCTS:	11/27/2004	ES
$ \begin{array}{c} \text{H} \\ \\ \text{C} = \text{C} \\ \quad \\ \text{HO}_2\text{C} \quad \text{CO}_2\text{H} \end{array} $ maleic acid catalyzed by H ⁺		
$ \text{HO}_2\text{CCH}_2\text{CH}_2\text{CO}_2\text{H} $ succinic acid		
$ \begin{array}{c} \text{catalyzed by H}^+ \\ \text{Cyclopentanone} \end{array} $		
$ -2\text{H}_2 / +2\text{H}_2 $		
1,4-butanediol $\text{HOCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ $ \downarrow -\text{H}_2\text{O} $		
$ \text{Cyclopentane} $ tetrahydrofuran		
updated	6/7/05	ES